

**Defense Information Infrastructure (DII)**

**Common Operating Environment (COE)**

**Software Version Description (SVD)  
for the  
Quick Weather Viewer  
Release 1.0.0.0**

**20 February 2003**

**Prepared for:**

**Commander, Naval Oceanography Command  
Stennis Space Center, MS**

**Prepared by:**

**Fleet Numerical Meteorology and Oceanography Center  
Monterey, CA**

**and**

**Computer Sciences Corporation  
Monterey, CA**



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# 1 SCOPE

## 1.1 Identification

This Software Version Description (SVD) describes the Quick Weather Segment, Version 1.0.0.0 developed by Fleet Numerical Meteorology and Oceanography Center (FNMOC), Monterey, CA. Quick Weather 1.0.0.0 is designed to run on the following hardware and operating systems:

- IBM-Compatible Personal Computer (PC) running the Microsoft Windows NT 4.0 Operating System with Service Pack 6 or higher, Windows XP, Windows 2000, or Windows 98.

This document has been developed in accordance with the *DII COE Developer Documentation Requirements, Version 2.0*.

## 1.2 System Overview

Quick Weather is a lightweight client that provides a quick way to receive textual observation and forecast data (METARs, SPECIs and TAFs) for stations selected by the user. After configuring the program to connect to a Metcast server, the user simply enters or selects the ICAO call signs of the stations whose reports are desired, then tells the program to retrieve and display the reports.

The Quick Weather Segment includes a graphical user interface (GUI) to allow the user to select the stations to be retrieved, and a retriever process that establishes communication with a METCAST server, submits a request for the data requested, and delivers the reply to the local user. The METCAST Server comprises a separate segment.

## 1.3 Product Information

### 1.3.1 Product Qualification

Test and Evaluation (T&E) of the software were performed at Fleet Numerical Meteorology and Oceanography Center (FNMOC), Monterey, CA, prior to delivery of the software.

### 1.3.2 Product Restrictions

Intellectual property rights to deliverables defined in this document are covered by the copyright license under the clause in DFARS 252.227-7013 (Nov. 1995).

### **1.3.3 Product Dependencies**

Quick Weather requires access to a METCAST Server, which is provided as a separate segment. The server segment need not be installed on the same machine as Quick Weather.

## 2 REFERENCED DOCUMENTS

### 2.1 Government Documents

DDR-2

23 January 1998

*Defense Information Infrastructure (DII) Common Operating Environment (COE) Developer Documentation Requirements, Version 2.0, Defense Information Systems Agency, Joint Operability and Engineering Organization*

QuickWx UM\_10Series

20 February 2003

*Quick Weather Segment User's Manual, Release 1.0 Series*

QuickWx IP\_10Series

20 February 2003

*Installation Procedures (IP) for the Quick Weather Segment, Release 1.0 Series*

### 2.2 Non-Government Documents

None.

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## **3 VERSION DESCRIPTION**

### **3.1 Inventory of Materials Released**

All physical media and associated documentation for the Quick Weather v1.0.0.0 Segment are listed below.

- Quick Weather Segment Installation CD-ROM for Windows NT 4.0 with Service Pack 6, or higher, Windows XP, Windows 2000, and Windows 98 (also contains installation files for METCAST Client v1.7.0.0 and JMV 3.7.0.0).
- Quick Weather Segment v1.0 Series Installation Procedures (IP) dated 20 February 2003.
- Quick Weather Segment v1.0.0.0 Software Version Description (SVD) dated 20 February 2003.
- Quick Weather Segment v1.0 Series User Manual dated 20 February 2003.

### **3.2 Inventory of Software Contents**

A listing of all executables and environment files delivered is contained in Appendix A of this document.

### **3.3 Changes Installed**

A list of changes installed since the initial release is contained in Appendix B of this document.

### **3.4 Waivers**

There are no waivers associated with this software.

### **3.5 Adaptation Data**

There are no unique-to-site data required for Quick Weather 1.0.0.0. Program preferences may be set using the Graphical User Interface (GUI) as described in the User's Guide.

### **3.6 Installation Instructions**

The Quick Weather Segment v1.0 Series Installation Procedures (IP) referenced in Section 2 of this document provides comprehensive installation instructions for the Quick Weather Segment. The fully installed segment occupies approximately 40 MB of disk space. The software requires a minimum of 96 MB of RAM (128 MB of RAM is suggested) on Windows NT 4.0, Windows XP, Windows 2000, and Windows 98 platforms.

### **3.7 Possible Problems and Known Errors**

Known problems and errors with Quick Weather 1.0.0.0 software are listed in Appendix C of this document.

## 4 NOTES

### 4.1 Glossary of Acronyms

COE	Common Operating Environment
DII	Defense Information Infrastructure
FNMOC	Fleet Numerical Meteorology and Oceanography Center
GUI	Graphical User Interface
HTTP	Hyper-Text Transfer Protocol
IP	Installation Procedure
IP	Internet Protocol
JMV	Joint METOC Viewer
METCAST	METOC Broadcast
METOC	Meteorological and Oceanographic
MIME	Multipurpose Internet Mail Extensions
PC	Personal Computer
SRS	Software Requirements Specification
SVD	Software Version Description
T&E	Test and Evaluation
TCP	Transport Control Protocol
UM	User Manual

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## APPENDIX A List of Executables and Environment Files

### A.1 File Structure for Windows NT 4.0/98/2000 Delivery

Directory of C:\jmvwini

02/07/2003 03:55p	<DIR>	.
02/07/2003 03:55p	<DIR>	..
02/07/2003 03:58p	<DIR>	Docs
02/07/2003 01:40p	<DIR>	Noddsfls
02/07/2003 02:23p		538 quickwx_readme.txt
1 File(s)		538 bytes

Directory of c:\jmvwini\Docs

02/07/2003 03:58p	<DIR>	.
02/07/2003 03:58p	<DIR>	..
02/20/2003 09:26p		74,576 quickwx_ip_10series.pdf
02/20/2003 11:25a		58,153 quickwx_svd_1000.pdf
02/06/2003 11:23a		122,137 quickwx_um_10series.pdf
3 File(s)		254,866 bytes

Directory of c:\jmvwini\Noddsfls

02/07/2003 01:40p	<DIR>	.
02/07/2003 01:40p	<DIR>	..
02/07/2003 10:39a	<DIR>	jre
02/07/2003 10:39a	<DIR>	lib
02/07/2003 01:40p	<DIR>	Quick_Weather_Help
02/07/2003 01:15p		3,440 content.txt
02/13/2003 01:11p		24,576 EditLaxFiles.exe
03/21/2001 11:46p		21,091 lax.jar
04/26/2002 10:02p		3,646 metcast.key
11/19/2002 10:56p		6,576 MTOC.dtd
02/07/2003 11:27a		5,134 omf.dtd
02/06/2003 11:10p		374,784 QuickWeather.exe
01/29/2003 11:15a		766 QuickWeather.ico
02/07/2003 03:33p		331 QuickWeather.ini
02/06/2003 11:10p		93,995 quickweather.jar
02/20/2003 11:38a		3,564 QuickWeather.lax
02/07/2003 11:31a		36 QWHelp.bat
04/26/2002 10:02p		353,050 stations.txt
15 File(s)		911,495 bytes

Directory of c:\jmvwini\Noddsfls\jre

02/07/2003 10:39a	<DIR>	.
02/07/2003 10:39a	<DIR>	..
02/07/2003 10:39a	<DIR>	bin
02/07/2003 10:39a	<DIR>	lib
02/07/2002 12:52p		1,104 CHANGES
02/07/2002 12:52p		4,516 COPYRIGHT
02/07/2002 12:52p		729,169 javaws-1_0_1_02-win-int.exe
02/07/2002 12:52p		13,851 LICENSE
02/07/2002 12:52p		9,146 README.txt
02/07/2002 12:52p		995 Welcome.html
6 File(s)		758,781 bytes

## QuickWx\_SVD\_10Series

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Directory of c:\jmvmwin\Noddsfls\jre\bin

02/07/2003 10:39a	<DIR>	.
02/07/2003 10:39a	<DIR>	..
02/07/2003 10:39a	<DIR>	client
02/07/2003 10:39a	<DIR>	server
02/07/2002 12:52p	41,047	ActPanel.dll
02/07/2002 12:52p	872,526	awt.dll
02/07/2002 12:52p	110,671	beans.ocx
02/07/2002 12:52p	139,342	cmm.dll
02/07/2002 12:52p	139,343	dcpr.dll
02/07/2002 12:52p	24,657	dt_shmem.dll
02/07/2002 12:52p	20,563	dt_socket.dll
02/07/2002 12:52p	323,683	fontmanager.dll
02/07/2002 12:52p	28,759	hpi.dll
02/07/2002 12:52p	45,130	hprof.dll
02/07/2002 12:52p	24,683	ioser12.dll
02/07/2002 12:52p	20,579	jaas_nt.dll
02/07/2002 12:52p	98,387	java.dll
02/07/2002 12:52p	24,649	java.exe
02/07/2002 12:52p	24,651	javaw.exe
02/07/2002 12:52p	20,560	jawt.dll
02/07/2002 12:52p	61,512	jcov.dll
02/07/2002 12:52p	41,054	JdbcOdbc.dll
02/07/2002 12:52p	98,377	jdwp.dll
02/07/2002 12:52p	278,615	jinstall.exe
02/07/2002 12:52p	122,960	jpeg.dll
02/07/2002 12:52p	94,290	jpins32.dll
02/07/2002 12:52p	65,623	jpishare.dll
02/07/2002 12:52p	131,160	jsound.dll
02/07/2002 12:52p	28,769	keytool.exe
02/07/2002 12:52p	53,327	net.dll
02/07/2002 12:52p	32,848	nio.dll
02/07/2002 12:52p	86,104	NPJava11.dll
02/07/2002 12:52p	86,104	NPJava12.dll
02/07/2002 12:52p	86,104	NPJava13.dll
02/07/2002 12:52p	86,104	NPJava32.dll
02/07/2002 12:52p	86,101	NPJPI140.dll
02/07/2002 12:52p	94,297	NPOJI610.dll
02/07/2002 12:52p	28,788	orbd.exe
02/07/2002 12:52p	41,047	packager.dll
02/07/2002 12:52p	45,151	plugincp140.cpl
02/07/2002 12:52p	28,775	policytool.exe
02/07/2002 12:52p	20,558	rmi.dll
02/07/2002 12:52p	28,763	rmid.exe
02/07/2002 12:52p	28,775	rmiregistry.exe
02/07/2002 12:52p	24,704	servertool.exe
02/07/2002 12:52p	24,694	tnameserv.exe
02/07/2002 12:52p	53,325	verify.dll
02/07/2002 12:52p	20,563	w2k_lsa_auth.dll
02/07/2002 12:52p	53,332	zip.dll
	45 File(s)	3,891,054 bytes

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Directory of c:\jmvmwin\Noddsfls\jre\bin\client

02/07/2003 10:39a	<DIR>	.
02/07/2003 10:39a	<DIR>	..
02/07/2002 12:52p	1,060,864	jvm.dll
02/07/2002 12:52p	1,410	Xusage.txt
	2 File(s)	1,062,274 bytes

---

```
Directory of c:\jmvmwin\Noddsfls\jre\bin\server
```

```
02/07/2003 10:39a <DIR> .
02/07/2003 10:39a <DIR> ..
02/07/2002 12:52p 2,392,064 jvm.dll
02/07/2002 12:52p 1,410 Xusage.txt
2 File(s) 2,393,474 bytes
```

```
Directory of c:\jmvmwin\Noddsfls\jre\lib
```

```
02/07/2003 10:39a <DIR> .
02/07/2003 10:39a <DIR> ..
02/07/2003 10:39a <DIR> audio
02/07/2003 10:39a <DIR> cmm
02/07/2003 10:39a <DIR> ext
02/07/2003 10:39a <DIR> i386
02/07/2003 10:39a <DIR> images
02/07/2003 10:39a <DIR> security
02/07/2002 12:52p 2,622,435 charsets.jar
02/07/2002 12:52p 5,506 content-types.properties
02/07/2002 12:52p 3,686 flavormap.properties
02/07/2002 12:52p 4,521 font.properties
02/07/2002 12:52p 4,718 font.properties.CP1250
02/07/2002 12:52p 4,718 font.properties.CP1251
02/07/2002 12:52p 4,718 font.properties.CP1253
02/07/2002 12:52p 4,718 font.properties.CP1254
02/07/2002 12:52p 4,491 font.properties.CP1256
02/07/2002 12:52p 4,595 font.properties.CP1257
02/07/2002 12:52p 5,354 font.properties.GB18030
02/07/2002 12:52p 5,801 font.properties.hi
02/07/2002 12:52p 3,413 font.properties.iw
02/07/2002 12:52p 7,082 font.properties.ja
02/07/2002 12:52p 5,742 font.properties.ko
02/07/2002 12:52p 4,748 font.properties.ru
02/07/2002 12:52p 5,756 font.properties.th
02/07/2002 12:52p 6,388 font.properties.zh
02/07/2002 12:52p 6,400 font.properties.zh.NT
02/07/2002 12:52p 6,894 font.properties.zh_TW
02/07/2002 12:52p 6,550 font.properties.zh_TW.95
02/07/2002 12:52p 770,961 jaws.jar
02/07/2002 12:52p 1,916 jawt.lib
02/07/2002 12:52p 76,291 jce.jar
02/07/2002 12:52p 450,286 jsse.jar
02/07/2002 12:52p 2,689 jvm.hprof.txt
02/07/2002 12:52p 4,788 jvm.jcov.txt
02/07/2002 12:52p 2,245 logging.properties
02/07/2002 12:52p 3,070 psfont.properties.ja
02/07/2002 12:52p 10,669 psfontj2d.properties
02/07/2002 12:52p 23,201,949 rt.jar
02/07/2002 12:52p 90,973 sunrsasign.jar
02/07/2002 12:52p 6,700 tzmappings
33 File(s) 27,350,771 bytes
```

```
Directory of c:\jmvmwin\Noddsfls\jre\lib\audio
```

```
02/07/2003 10:39a <DIR> .
02/07/2003 10:39a <DIR> ..
02/07/2002 12:52p 493,589 soundbank.gm
1 File(s) 493,589 bytes
```

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Directory of c:\jmvmwin\Noddsfls\jre\lib\cmm

```
02/07/2003 10:39a <DIR> .
02/07/2003 10:39a <DIR> ..
02/07/2002 12:52p 51,236 CIEXYZ.pf
02/07/2002 12:52p 632 GRAY.pf
02/07/2002 12:52p 1,044 LINEAR_RGB.pf
02/07/2002 12:52p 274,474 PYCC.pf
02/07/2002 12:52p 150,368 sRGB.pf
      5 File(s)    477,754 bytes
```

Directory of c:\jmvmwin\Noddsfls\jre\lib\ext

```
02/07/2003 10:39a <DIR> .
02/07/2003 10:39a <DIR> ..
02/07/2002 12:52p 4,391 dnsns.jar
02/07/2002 12:52p 53,559 ldapsec.jar
02/07/2002 12:52p 664,070 localedata.jar
02/07/2002 12:52p 116,788 sunjce_provider.jar
      4 File(s)    838,808 bytes
```

Directory of c:\jmvmwin\Noddsfls\jre\lib\i386

```
02/07/2003 10:39a <DIR> .
02/07/2003 10:39a <DIR> ..
02/07/2002 12:52p 671 jvm.cfg
      1 File(s)    671 bytes
```

Directory of c:\jmvmwin\Noddsfls\jre\lib\images

```
02/07/2003 10:39a <DIR> .
02/07/2003 10:39a <DIR> ..
02/07/2003 10:39a <DIR> cursors
      0 File(s)    0 bytes
```

Directory of c:\jmvmwin\Noddsfls\jre\lib\images\cursors

```
02/07/2003 10:39a <DIR> .
02/07/2003 10:39a <DIR> ..
02/07/2002 12:52p 1,318 cursors.properties
02/07/2002 12:52p 153 invalid32x32.gif
02/07/2002 12:52p 165 win32_CopyDrop32x32.gif
02/07/2002 12:52p 153 win32_CopyNoDrop32x32.gif
02/07/2002 12:52p 168 win32_LinkDrop32x32.gif
02/07/2002 12:52p 153 win32_LinkNoDrop32x32.gif
02/07/2002 12:52p 147 win32_MoveDrop32x32.gif
02/07/2002 12:52p 153 win32_MoveNoDrop32x32.gif
      8 File(s)    2,410 bytes
```

Directory of c:\jmvmwin\Noddsfls\jre\lib\security

```
02/07/2003 10:39a <DIR> .
02/07/2003 10:39a <DIR> ..
02/07/2002 12:52p 7,365 cacerts
02/07/2002 12:52p 2,223 java.policy
02/07/2002 12:52p 6,762 java.security
11/19/2002 10:56p 8,389 jssecacerts
02/07/2002 12:52p 3,113 local_policy.jar
02/07/2002 12:52p 2,641 US_export_policy.jar
```

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6 File(s) 30,493 bytes

Directory of c:\jmwin\Noddsfls\lib

02/07/2003 10:39a	<DIR>	.
02/07/2003 10:39a	<DIR>	..
02/06/2003 11:10p	443,302	omnicast.jar
1 File(s)		443,302 bytes

Directory of c:\jmwin\Noddsfls\Quick\_Weather\_Help

02/07/2003 01:40p	<DIR>	.
02/07/2003 01:40p	<DIR>	..
02/07/2003 01:40p	<DIR>	Images
08/16/2000 03:24p	3,338	JMVHelp.css
08/16/2000 03:24p	3,392	JMVHelpNS.css
02/07/2003 01:39p	23,928	QuickWeather.htm
01/31/2003 04:39p	6,391	QuickWX 1.0 WebHelp.apf
4 File(s)		37,049 bytes

Directory of c:\jmwin\Noddsfls\Quick\_Weather\_Help\Images

02/07/2003 01:40p	<DIR>	.
02/07/2003 01:40p	<DIR>	..
05/16/2001 10:54a	3,016	DeleteStationListDialog.gif
02/07/2003 12:11p	1,149	QuickWeatherIcon.gif
02/07/2003 01:39p	12,430	QuickWeatherInitialConfiguration.gif
02/07/2003 11:57a	15,459	QuickWeatherRequestDialog.gif
02/07/2003 01:23p	18,244	QuickWxRequestWithData.gif
02/07/2003 01:16p	18,597	QuickWxRequestWithList.gif
02/07/2003 01:24p	15,419	QuickWxRequestWithSelections.gif
02/07/2003 12:03p	3,451	RetrievingObsDialog.gif
02/07/2003 12:09p	5,052	StationListNameDialog.gif
10 File(s)		112,171 bytes

Total Files Listed:

147 File(s) 39,059,500 bytes

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## APPENDIX B Changes Installed

Quick Weather v1.0.0.0 release notes:

- Quick Weather 1.0.0.0 was built with Install shield v8.0 that uses Microsoft's Windows installer. This will allow FNMOC to issue software patches as necessary to correct problems or add software enhancements to the released versions of the JMV software.
- Quick Weather supports secure http protocol (https) and certificates.

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## APPENDIX C Known Problems and Errors

1. Some users have expressed a desire to be able to enter multiple station IDs in the entry box, separated by spaces, so that they can enter multiple stations at a time. We suggest entering a station ID, pressing the **Enter** key, then repeating these operations to complete the station list. This involves no more keystrokes than the method suggested by users, merely requiring the **Enter** key to be pressed rather than the space bar between station IDs.

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